Secrets
ABAP
Apex
C
C++
CloudFormation
COBOL
C#
CSS
Flex
Go
HTML
Java
JavaScript
Kotlin
Kubernetes
Objective C
PHP
PL/I
PL/SQL
Python
RPG
Ruby
Scala
Swift
Terraform
Text
TypeScript
T-SQL
VB.NET
VB6
XML

HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

All rules 65 | Bug 24 | Security Hotspot 3 | Code Smell 38

Tags | Search by name...

Table cells should reference their headers
Bug

Tables used for layout should not include semantic markup
Bug

Tables should have headers
Bug

"<html>" element should have a language attribute
Bug

<script>...</script> elements should not be nested
Bug

"<th>" tags should have "id" or "scope" attributes
Bug

"<title>" should be present in all pages
Bug

"<!DOCTYPE>" declarations should appear before "<html>" tags
Bug

Elements deprecated in HTML5 should not be used
Bug

HTML "<table>" should not be used for layout purposes
Code Smell

"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements
Code Smell

Videos should have subtitles
Code Smell

"<fieldset>" tags should contain a "<legend>"

Analyze your code

Bug | Minor | accessibility

For users of assistive technology such as screen readers, it may be challenging to know what is expected in each form's input. The input's label alone might not be sufficient: 'street' could be part of a billing or a shipping address for instance.

Fieldset legends are read out loud by screen readers before the label each time the focus is set on an input. For example, a legend 'Billing address' with a label 'Street' will read 'Billing address street'. Legends should be short, and 'Your' should not be repeated in both the legend and the label, as it would result in 'Your address Your City' being read.

Noncompliant Code Example

```
<fieldset>                                          <!-- Noncompl
  Street: <input type="text"><br />
  Town: <input type="text"><br />
  Country: <input type="text"><br />
</fieldset>
```

Compliant Solution

```
<fieldset>
  <legend>Billing address</legend>
  Street: <input type="text"><br />
  Town: <input type="text"><br />
  Country: <input type="text"><br />
</fieldset>
```

Available In:

sonarlint | sonarcloud | sonarqube

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Attributes deprecated in HTML5 should not be used

Code Smell

Sections of code should not be commented out

Code Smell

Track uses of "FIXME" tags

Code Smell

Meta tags should not be used to refresh or redirect

Code Smell

Links should not directly target images

Code Smell

"" and "" tags should be used

Bug

"<li>" and "<dt>" item tags should be in "<ul>", "<ol>" or "<dl>" container tags

Bug

Server-side image maps ("ismap" attribute) should not be used

Bug

"<frames>" should have a "title" attribute

Bug

"<fieldset>" tags should contain a "<legend>"

Bug

Flash animations should be embedded